

**Growth Rate Constants  
for Rapid CVD Process  
(300 cfh total flow, 450 Torr)**

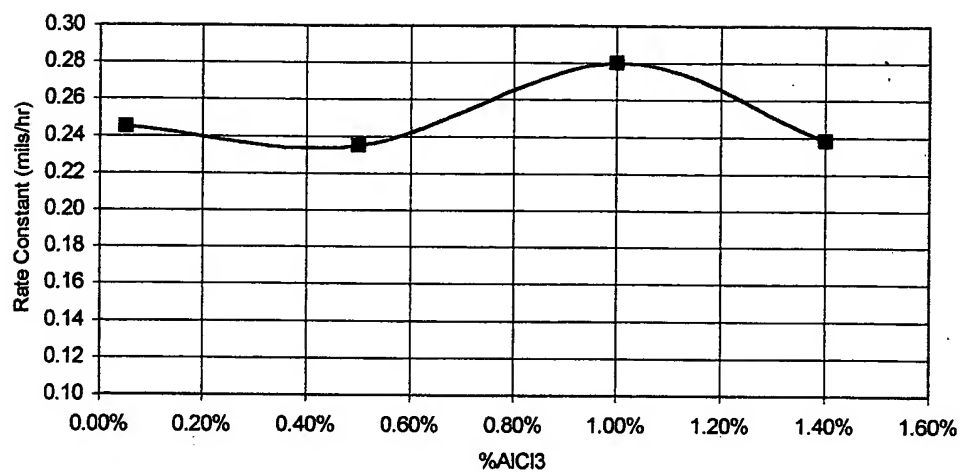


Figure 1

**Growth Rate Constants  
for Rapid CVD Process  
(300 cfh total flow, 0.1% AlCl<sub>3</sub>)**

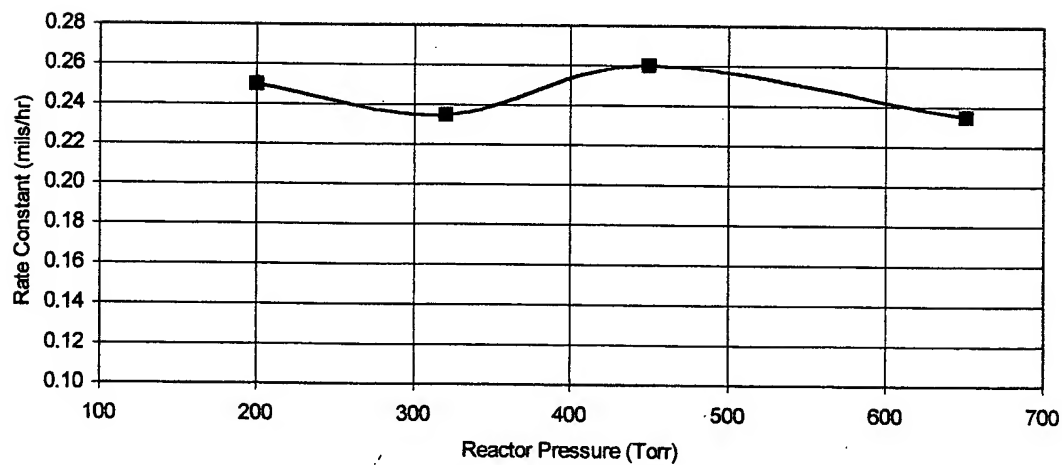


Figure 2

**Growth Rat Constants**  
for Rapid CVD Process  
(1.0%AlCl<sub>3</sub>, 200 Torr)

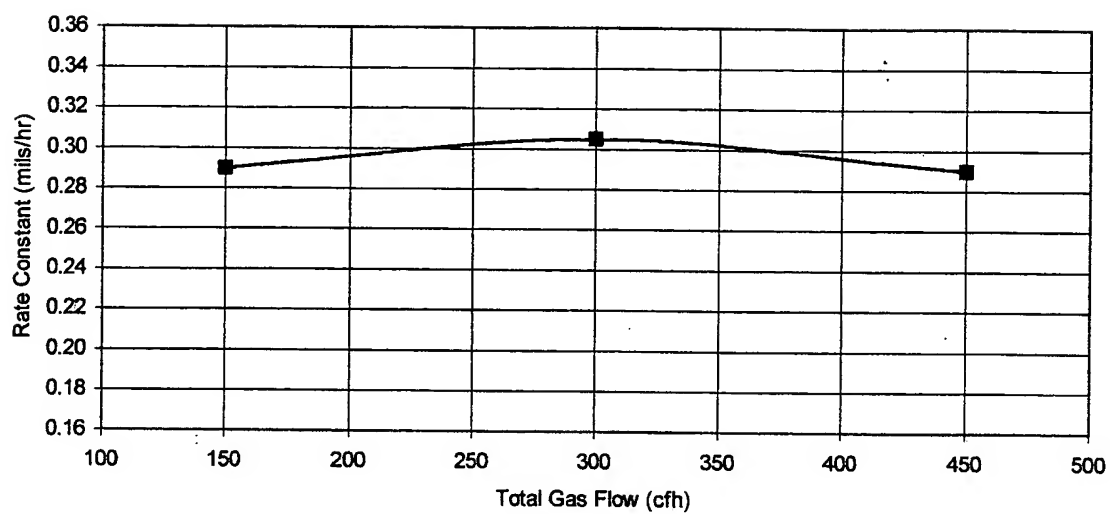


Figure 3

Aluminum Concentration Profiles  
Rapid Cycle Comparison - Simple Aluminide  
with Various Concentrations of  $\text{AlCl}_3$   
Rene N5 - 450 Torr, 300 cfh

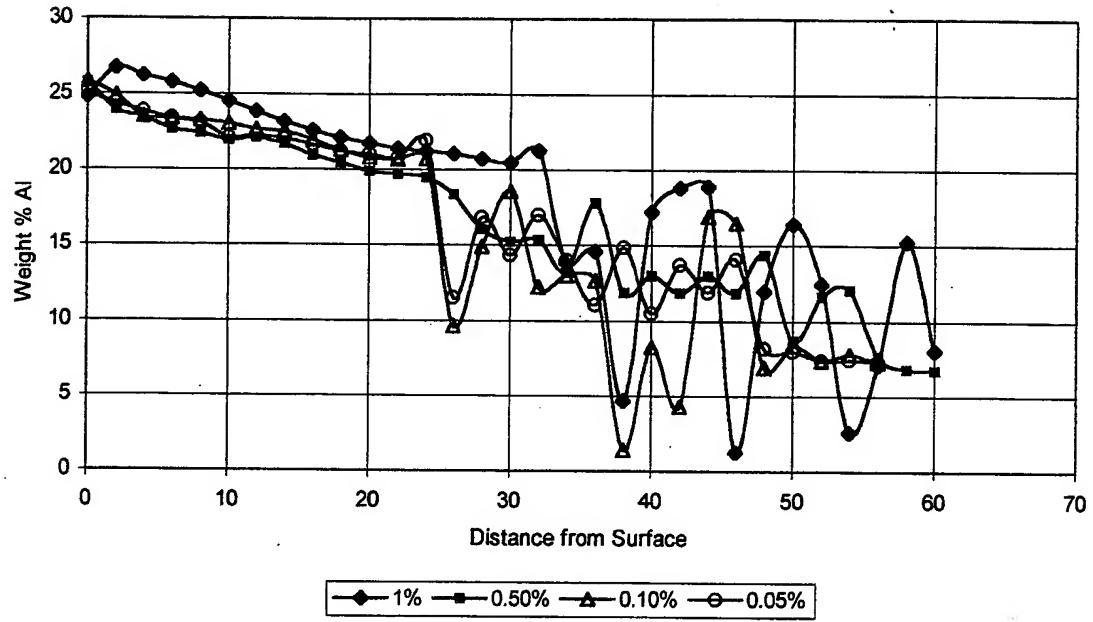


Figure 4

Aluminum Concentration Profiles  
Rapid Cycle Comparison - Platinum Aluminid  
with Various Concentrations of  $\text{AlCl}_3$   
Rene N5

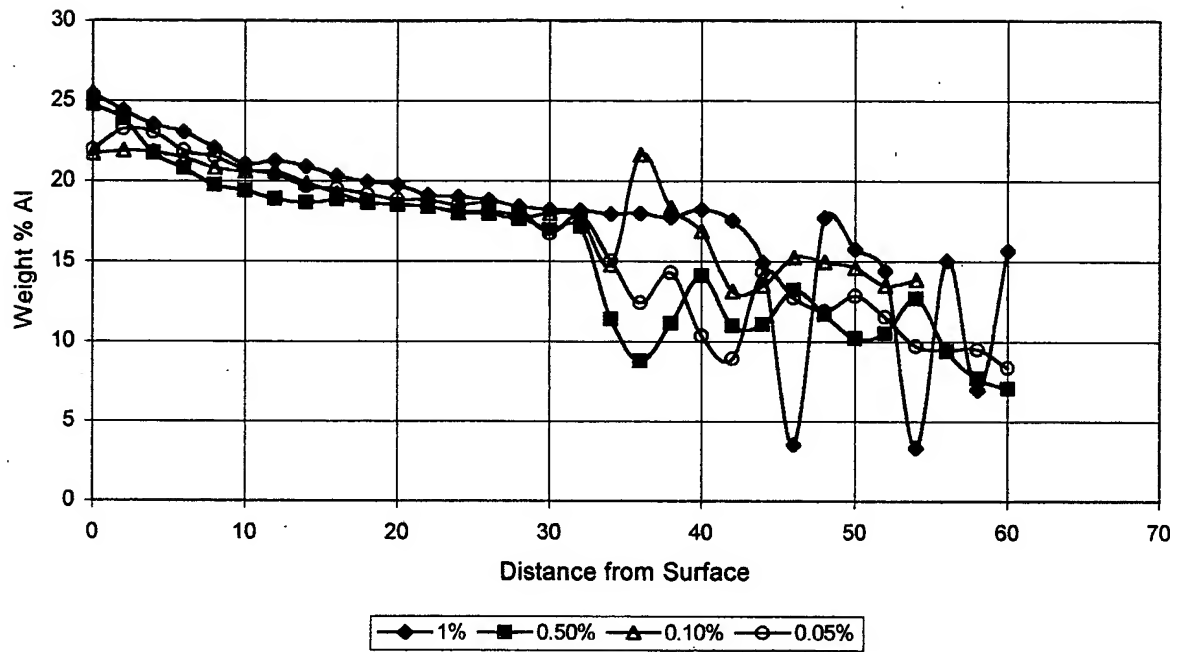


Figure 5

Average Aluminum Concentration  
for Rapid Cycle CVD Process  
with Various Concentrations of  $\text{AlCl}_3$

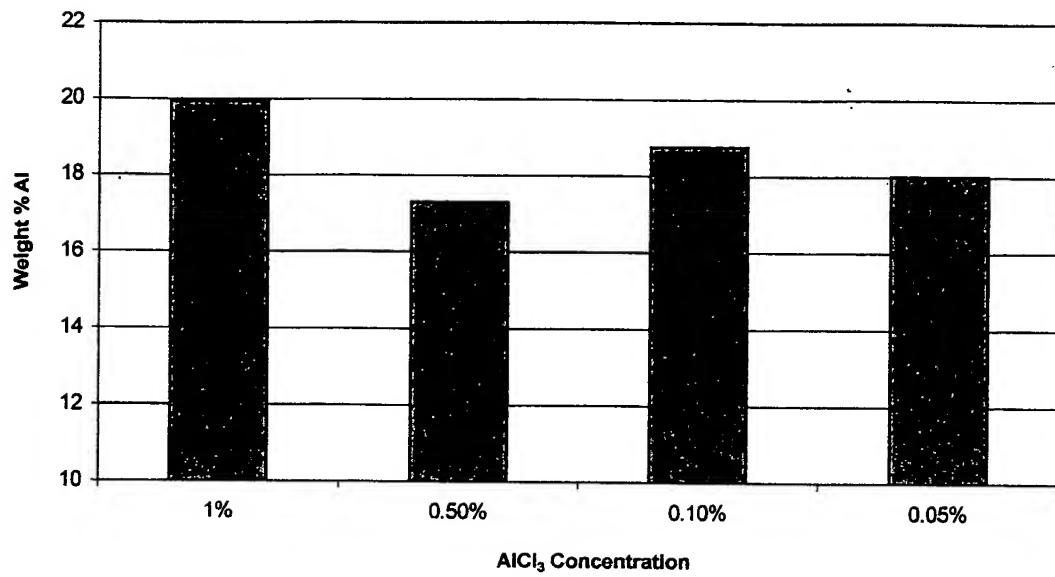


Figure 6

Aluminum Concentration Profiles  
Rapid Cycle Comparison - Simple Aluminide  
with Various Retort Pressures  
Rene' N5

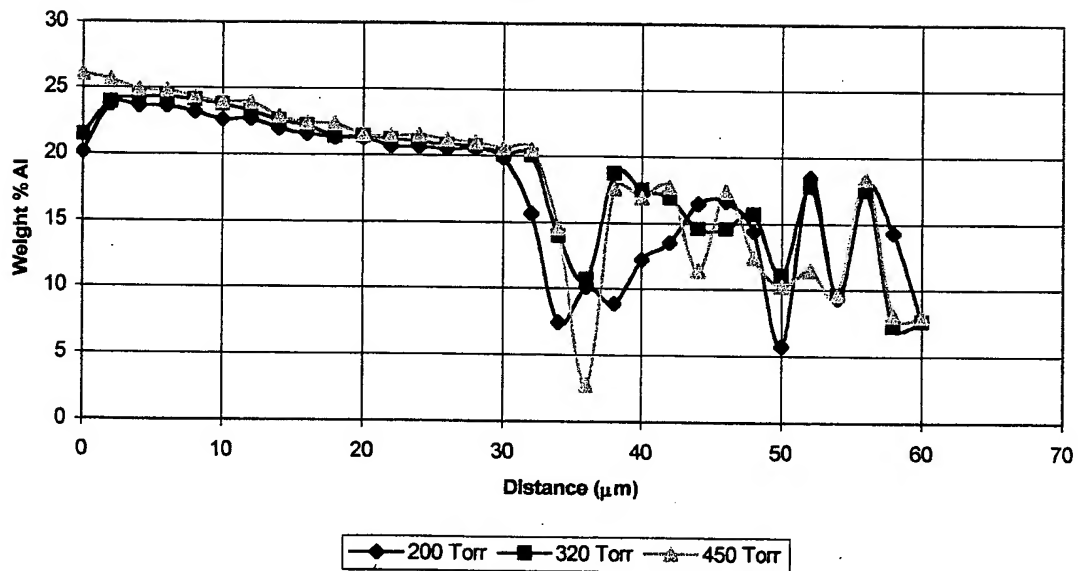


Figure 7

**Aluminum Concentration Profiles**  
**Rapid Cycle Comparison - Platinum Aluminide**  
**with Various Retort Pressures**  
**Rene' N5**

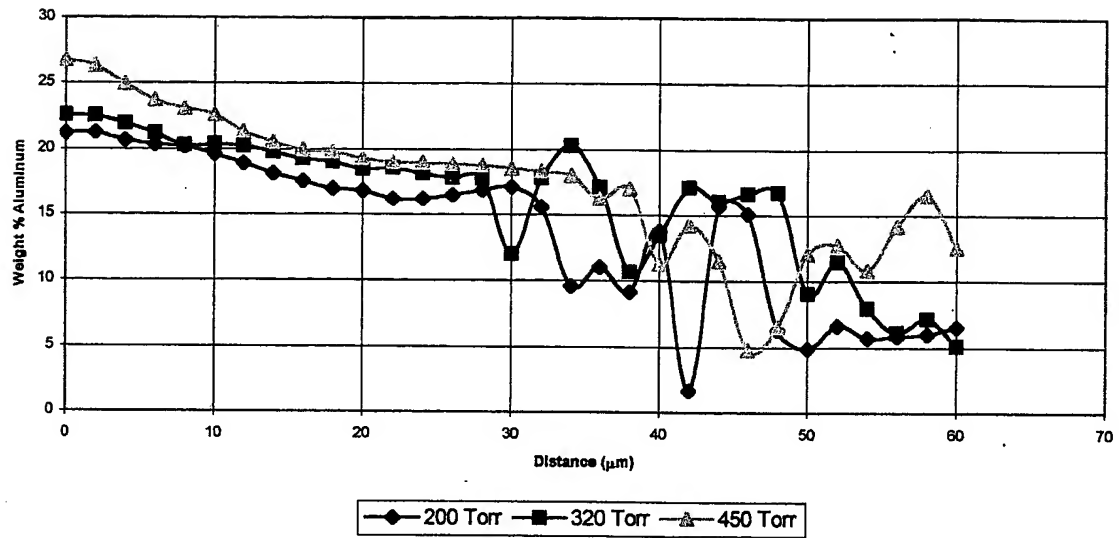


Figure 8

**Average Aluminum Concentration**  
**for Rapid Cycle CVD Process**  
**with Various Retort Pressures**

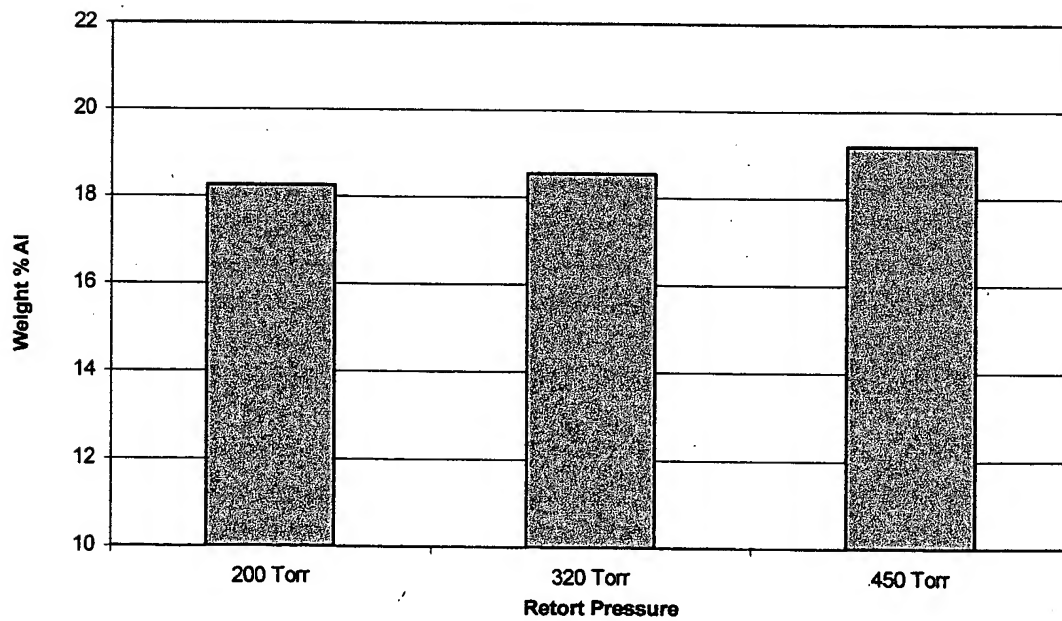


Figure 9

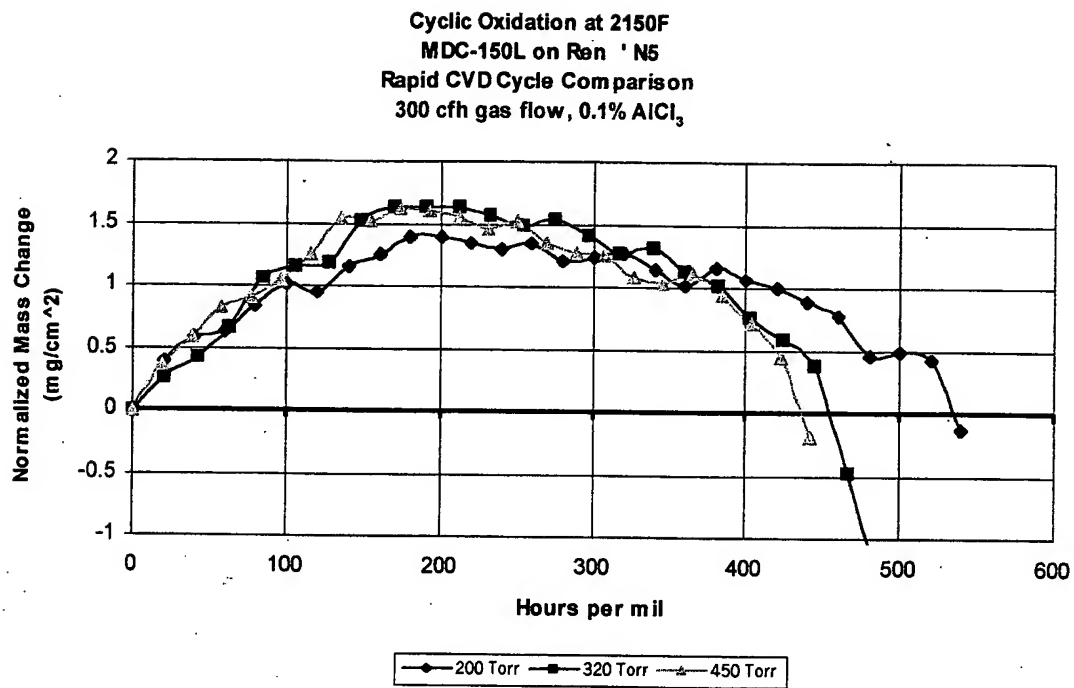


Figure 10

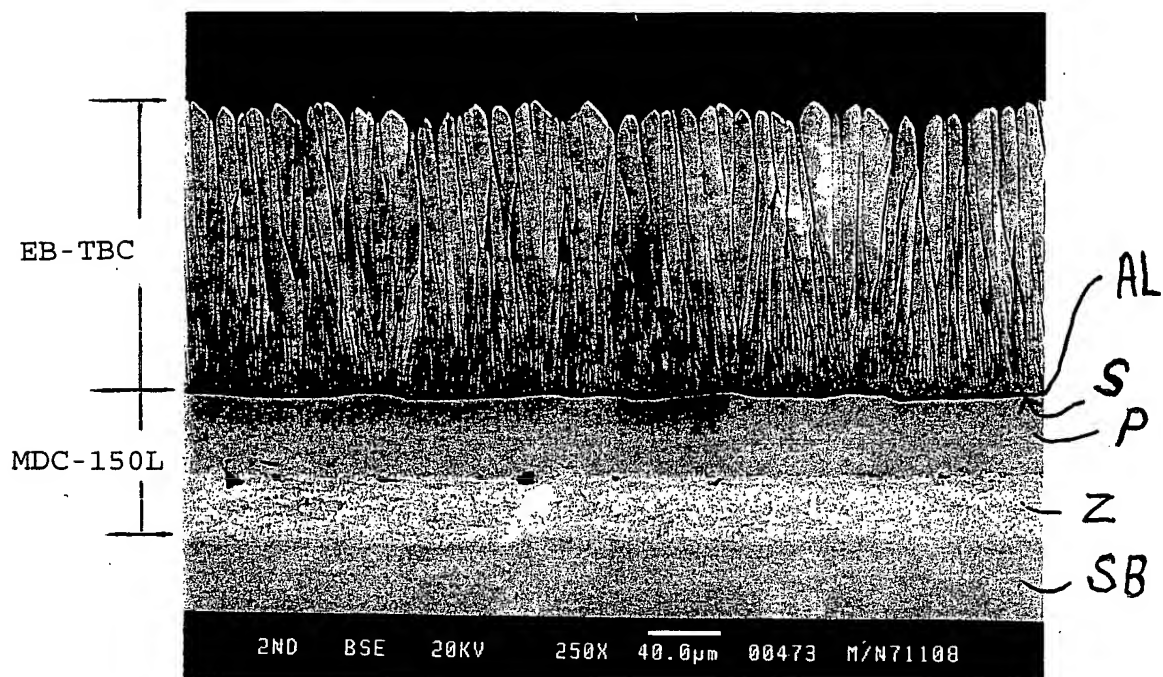


Figure 11